

VERKHOVTSEVA, T.P.; LEVITOV, M.M.

Enzymatic conversion of mercaptoacetic acid amino derivatives in
the biosynthesis of penicillin. Antibiotiki 9 no.7:583-587 J1 '64.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva. (MIRA 18:3)

RABINOVICH, M.S.; LEVITOV, M.M.; KULIKOVA, G.N.; BUYANOVSKAYA, I.S.;
SHNEYERSON, A.N.

New penicillins, derivatives of thioglycolic acid. Antibiotiki
9 no.5:392-396 My '64.
(MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

MESHKOV, A.N., LEVITOV, M.M.

Cultivation of Actinomycetes Fradise 129 under conditions of
a mechanical influence on the mycelium. Antibiotiki 19 no.3,
685-693 Ag 165.

(Mira 12:1)

L. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

GOTOVTSEVA, V.A.; YUDINA, O.D.; LEVITOV, M.M.

*Effect of organic acids on the production of penicillin acylase
by Bacterium faecalis alcaligenes. Mikrobiologiya 34 no.2:216-
222 Mr-Ap '65.*
(MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

REVITOV, H.H.; LAVRINA, S.A.

Isolation of enzyme preparations from the mycelium of
Actinomyces fradiae by using various methods of cytolysis.
Mikrobiologija 34 no.3:385-390 My-Je '65.

(MIRA 18:1)

L. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

MESHKOV, A.N.; CRABOVSKAYA, O.Z.; LEVITOVA, M.M.

Effect of phosphorus on the development and metabolism of *Actinomyces fradiae* 129. *Mikrobiologiya* 34 no.4:611-616 Jl-Ag '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

PENZIKOVA, G.A.; LEVITOV, M.M....

Dehydrogenase activity in the *Actinomyces fradiae* culture.
Mikrobiologiya 34 no.5:781-785 S-0 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov,
Moskva.

SOKOLOVA, N.M.; SHCHUKAREVA, N.K.; LEVITSKAYA, N.A.; KARASIK, B.N.

Serological diagnosis of candidiasis in patients with malignant neoplasms. Vop. onk. 11 no.8:52-54 '65.

(MIRA 18:11)

1. In kliniko-diagnosticheskoy laboratori (zav. - dotsent I.P.Grek) Instituta onkologii AMN SSSR (direktor - deystviteley chlen AMN SSSR - prof. A.I.Srebrov).

40619

27.12.20

S/219/62/053/002/002/003
1015/1215

AUTHORS: Presman, A. S. and Levitina, N. A.

TITLE: The non-thermal effect of microwaves on the rhythm of cardiac contractions in animals
II. The effect of impulse microwaves

PERIODICAL: Byulleten' eksperimental'noy biologii i meditsiny v. 53, no. 2, 1962, 39-43

TEXT: This is the continuation of previous studies, in which the effect of continuous microwaves was investigated. Impulse microwaves were generated from a VNIIMLiO apparatus, at a wave length of 10 cm, time 1 microsec., irradiation rate 700 impulses/sec, intensity 3-5 mwatt/cm². The experiments were carried out on 8 female rabbits weighing 3-4 kg. The irradiation of the dorsal as well as ventral parts of the body with impulse microwaves at a non-thermal intensity, brought about a chromotropic effect, during the irradiation itself, and for a short time after it. The chronotropoc affect itself is regarded as a reflex vascular-vegetative reaction to the effect of microwaves. The effect of the impulse irradiation was more marked than that of continuous irradiation. This is explained by the direct effect of the impulse microwaves on the deeper tissue layers. There are 2 figures and 2 tables.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut a kurortologii i fizioterapii, Moskva
(Central Institute of Health Resort and Physiotherapy Research. Moscow)

SUBMITTED: March 16, 1961

Card 1/1

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"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

LEVITOV, MIKHAIL IVANOVICH. *LEVITOV, M. O.*

E/5
806.215
.L6
1956

VOPROSY PSIKHOLOGII KARAKTERA
PROBLEMS IN CHARACTER PSYCHOLOGY 2.
IZD. MOSKVA, UCHPEDGIZ, 1956.

265 P. TABLES.

AT HEAD OF TITLE: AKADEMIYA PEDAGOGI-
CHESKIH NAUK RSFSR. INSTITUT PSIKHOLOGII
BIBLIOGRAPHICAL FOOTNOTES.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

LEVITOV, N.D.

Characteristics of the decrease in readiness to work in disorders
of the equilibrium between excitation and inhibition processes.
Vop.psikhол. 3 no.1:18-27 Ja-F '57. (MIRA 10:3)

1. Gosudarstvennyy pedagogicheskiy institut im. V.I. Lenina, Moskva.
(Work) (Inhibition)

LEVITOV, Nikolay Dmitrievich, prof.; ALPATOV, V.V., red.; SMIRNOVA, M.I.,
tekhn.red.

[Child and educational psychology; a textbook for pedagogical
institutes] Detskaja i pedagogicheskaja psichologija; uchebnoe
posobie dlja pedagogicheskikh institutov. Moskva, Gos.uchebno-
pedagog. izd-vo M-va prosv. RSFSR, 1958. 320 p. (MIRA 11:7)
(Child study) (Educational psychology)

LEVITOV, H.D.

Psychological components of activity in the field of technology
[with summary in English]. Vop.psikhол. 4 no.6:33-43 M-D '58.
(MIRA 12:1)

1. Institut psichologii APN RSFSR, Moskva.
(Vocational qualifications)

LEVITOV, Nikolay Dmitrievich, prof.; MILERYAN, Ye.A., kand. ped.
nauk, retsentent; GUREVICH, K.M., kand. ped. nauk, st.
nauchnyy sotr., retsentent; VVEDENSKAYA, L.A., red.;
KARPOVA, T.V., tekhn. red.

[Psychology of work] Psikhologija truda. Moskva, Uchpedgiz,
1963. 339 p. (MIRA 16:7)

1. Zaveduyushchiy otdelom psikhologii truda Nauchno-issledovatel'skogo instituta psikhologii Ukr.SSR (for Mileryan).
2. Institut psikhologii Akademii pedagogicheskikh nauk RSFSR (for Gurevich).

(Work) (Psychology)

LEVITOV, Nikolay Dmitriyevich, prof.; ZHUKOV, I.V., red.

[Human mental states] O psicheskikh sostoyaniakh cheloveka. Moskva, Prosveshchenie, 1964. 342 p.
(MIRA 17:10)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

Khokhlov, N. N.

Soviet Veterinary Sci

Dissertation: "Obtaining Insulin Serum by the Method of Glucagonase." All-Union Inst
of Experimental Veterinary Medicine, 17 May 47.

SG: Vechernaya Moskva, May, 1947 (Project #17*36)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

LEVITOV, T.A. (Leningrad)

Morphological changes in the nervous system following exposure
to dysenterial toxin [with summary in English]. Arkh.pat. 20
no.8:15-23 '58
(MIRA 11:9)

1. Iz kafedry infektsionnykh bolezney (nachal'nik - prof. P.A.
Alisov) i kafedry nervnykh bolezney imeni M.I. Astvatsaturova
(nachal'nik - prof. S.I. Karchikyan) Voyenno-meditsinskoy ordena
Lenina akademii imeni S.M. Kirova.

(NERVOUS SYSTEM, physiology,
eff. of dysenterial toxin in dogs (Rus))
(SHIGELLA DYSENTERIAE,
toxin, eff. on NS in dogs (Rus))

KAZAITSIV, A.P.; LEVITOY, T.A.; MATKOVSKIY, V.S.

Clinical aspects of experimental dysentery intoxication in dogs.
Zhur.mikrobiol.epid. i immun. 29 no.3:122 Mr '59. (MIRA 11:4)

1. Iz Voyenno-meditsinskoy akademii imeni S.M. Kirova.
(DYSENTERY)

ALISOV, P. A., polkovnik meditsinskoy sluzhby, prof.; KAZANTSEV, A. P.,
podpolkownik meditsinskoy sluzhby, kand. med. nauk;
LEVITOV, T. A., mayor meditsinskoy sluzhby, kand. med. nauk

Importance of combined examination in interpreting the diagnosis
of "healthy dysentery carrier". Voen.-med. zhur. no.12:22-26
D '61. (MIRA 15:7)

(DYSENTERY)

LEVITOV, VI
SA

B64
O

621.317.755

920. A new 20 kV cathode ray oscillograph. A. M. TIKHONEN AND V. I. LEVITOV. Elektricheshestvo, No. 11, 64-70 (Nov., 1950) *In Russian.*

The new c.r.o. for 20 kV is the result of development work on a commutating circuit for non-repeated phenomena of very short duration. The circuit thus required correspondingly short response time and max. stability of operation, hence independence of amplitude, form and duration of the external tripping impulse. The solution presented is a thyratron circuit, using exclusively the TG-2030 type of thyratrons (Soviet make) of a max. response time 3×10^{-4} sec, 25-50 V normal voltage input and 200-250 V over-load capacity. Special care had to be taken to obtain a symmetrical response to steep-fronted impulses of either polarity. Sparc relays had originally been considered and tried as commutating elements, but were not found reliable enough, and required too much maintenance. Details are given of the time base, power supply and calibrating circuit.

B. P. KRAUS

ALSO SEE METALLURGICAL LITERATURE CLASSIFICATION

LEVITOV, V. I.

LEVITOV, V. I. -- "Overvoltage in Long Lines Due to Saturated Inductances and Corona." Sub 29 Dec '52, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Vechernaya Moskva, January -December 1952

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

KRAVCHENKO, V.D. (Moskva); LEVITOV, V.I. (Moskva)

Satch's probe theory. Izv.AN SSSR. Otd.tekh.nauk no.10:14-28
0'55. (MIRA 9:1)
(Corona (Electricity))

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

~~SECRET~~, ~~TOP SECRET~~, ~~CONFIDENTIAL~~

Subject : USSR/Power

AID P - 4094

Card 1/2 Pub. 27 - 5/24

Authors : Dmokhovskaya, L. F., and V. I. Levitov, Kands. Tech. Sci., Moscow

Title : Subharmonic oscillations in simplest circuits and in long-distance transmissions.

Periodical : Elektrichestvo, 11, 27-33, N 1955

Abstract : The article discusses one of the aspects of voltage surges occurring during accident breaks in long-distance transmission lines with series and transverse capacitors. These breaks are associated with the appearance of low frequency oscillations. The authors study the basic characteristics of the resonance on the simplest circuits consisting of linear and non-linear inductance, capacitance, and resistance, connected in series. The influence of the degree of nonlinearity on the magnitude

Elektrichestvo, 11, 27-33, N 1955

AID P - 4094

Card 2/2 Pub. 27 - 5/24

of the critical resistance and on the location and amplitude of subharmonic oscillations is investigated. The properties of subharmonic resonance in a three-phase scheme are also studied. The authors find that the calculation of subharmonic oscillations in long-distance transmission lines with series and transverse capacitors may be done with small modifications with the calculating forms obtained for schemes with concentrated data. They present results obtained from a model of a line. Eleven diagrams and oscillograms, 4 references (1952-1954) (3 Soviet).

Institution : Moscow Power Engineering Institute im. Molotov and Power Engineering Institute of the Academy, USSR. (in Dnepelnyy) (in Leningrad)

Submitted : Ja 17, 1955

LEVITOV, V. I., POTKOV, V. I., VOSRESENSKY, N. A., BOGDANOV, N. B., YEMEL'YANOV, N.P.,
and HERTSIK, A. K.

"Investigating A.C.Corona in the Soviet Union," a paper presented at the
International Conference on Cigre, 16th Biennial Session and General Assembly Paris,
30 May - 9 June 1956

Translation E-5047 in Brannh 5

LEVITOV, V.I., kandidat tekhnicheskikh nauk; POPKOV, V.I.

Reactive effect of alternating-current corona. Elektrичество
no.7:24-29 J1 '56. (MIRA 9:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Popkov) 2.
Energeticheskiy institut AN SSSR imeni Krzhizhanovskogo.
(Corona (Electricity))

LEVITOV, V.I. (Moskva).

Application of the theory of similitude to the study of a.c.coronas.
Inv.AN SSSR.Otd.tekh.nauk no.12:3-13 D '56. (MLRA 10:1)

1.Energeticheskiy institut Akademii nauk SSSR.
(Corona (Electricity)) (Dimensional analysis)

AUTHOR LEVITOV, V.I., LYAPIN, A.G., POPKOV, V.I. PA - 2152
TITLE Experimental Investigation of the Motion of a Space Charge in the
Corona-Field of an Alternating Current. (Eksperimental'noye issledovaniye
dvizheniya ob' yemnogo zaryada v pole koreny peremennogo toka.)
PERIODICAL Izvestiia Akad.Nauk SSSR, Otdel.Tekhn., 1957, Nr 1, pp 14-32 (U.S.S.R.)
Received 3/1957 Reviewed 4/1957
ABSTRACT The experimental investigation of a space charge in the exterior zone
of the corona-field of an alternating current was carried out according
to a method established in the Institute for Energy and according to a
measuring scheme the fundamental element of which is a probe with a net.
The principle of measurements by means of a probe with a net consists in
the fact that a potential similar to the space-potential which existed
before the introduction of the probe, is given from a special source to
the entire system (probe-net) which is brought into the part of the
corona-field to be investigated. If an oscillograph is used, the possi-
bilities of investigation are essentially increased. A schem was developed
in order to be able to realize compensation of the space-potential $U_R(t)$.
The difficulty of carrying out compensation in practice, made it necessary
to exclude the first (50 Hz) and the third (150 Hz) harmonics in the
current curve to the probe, i.e. to add the voltages 50 and 150 c. to
the compensation-circuit of the sources. It remains to be proved by ex-
periment that such a measure is justified or sufficient. The essential
results obtained were the following. 1) It was proved by experiment that

Card 1/2

PA - 2152

Experimental Investigation of the Motion of a Space Charge in the
Corona-Field of an Alternating Current.

a drift zone of a space charge exists in the exterior zone of the corona of an alternating current. In it the ions perform an oscillating progressive motion which leads to a gradual removal of ions from the conductor-surface. The duration of a space charge in the drift zone can amount to 25 periods (0.5 sec.) from the start of its creation (at 50 c. of the source). 2) The maximum radii of the removal of the space-charge-front during one, three, and five half-periods of the ion-existence were determined. 3) An approximated constancy of the velocity of the frontal motion (and thus also of the constancy of the voltage on the front) of a moving ion-wave of either polarity during the corona-glowing was determined. (22 illustrations)

ASSOCIATION Institute for Energy of the Academy of Science of the U.S.S.R.
PRESENTED BY
SUBMITTED 30. 8. 1956
AVAILABLE Library of Congress

Card 2/2

LUGOVY, V.S.: LEVITOV, V.I.: VOLYNKIN, V.G.: GRECHKO, G.V.: APOSTOLATOV, G.A.

Experimental basis of electrotechnical research on the "Greater
Naryn" project. Izv. AN Kir.SSR no.4:69-88 '57. (MLRA 10:7)
(Naryn river--Hydroelectric power stations)

105-7-7/29

AUTHOR: KRAVCHENKO, V.D., Engineer, LEVITOY, V.I., cand.tech.sc., POKHOV, V.I., Corresponding Member of the Academy of Science of the U.S.S.R.
TITLE: Measuring Corona Losses on Lines in Service. (Ob izmerenii poter' moshchnosti na koronu na deystvuyushchikh liniyakh, Russian)
PERIODICAL: Elektrichestvo, 1957, Nr 7, pp 31 - 34 (U.S.S.R.)

ABSTRACT: The corona loss is only connected with the reactive currents of the lines. A diagram shows a one-phase line and an antenna earthed exactly in the middle above a measuring element. The potential supplied to the antenna is distributed in such a way that one magnitude in the center of the antenna is equal to zero. Thus the charge of such an antenna depends on the charge on the surface of the line as well as on the corona-space charge. The proportionality coefficient is a constant magnitude and is determined by the geometric measurements of the antenna as well as by the measurements which characterize the mutual position of antenna and line. This makes it possible to carry out the measurements of the corona losses by means of antennae. A symmetric distribution of the corona-space charge in relation to the line axis was assumed and experimentally checked in the laboratory. The data obtained this way were compared with the corona losses of direct measurements and coincided well with them.

Card 1/2

Measuring Corona Losses on Lines in Service.

105-7-7/29

Thus the investigation proved the possibility of measuring the corona losses of lines in service by means of antennae. (With 8 illustrations and 1 Slavic reference).

ASSOCIATION: G.M.KRZHIZHANOVSKIY Institute of Energetics of the Academy of Science of the U.S.S.R. (Energeticheskiy institut imeni G.M. KRZHIZHANOVSKOGO Akademii Nauk S.S.S.R.)

PRESENTED BY:

SUBMITTED: 7.2.1957

AVAILABLE: Library of Congress

Card 2/2

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24.2/30

AUTHORS: Gravovskiy, V.I., Luk'yanyov, G.P., Spiridov, G.V. and Slobodchikov, I.G.

TITLE: Report on the Second All-Union Conference on Gas Discharges

PUBLISHER: Radiotekhnika i elektronika, 1959, Vol. 4, No. 6,
pp. 1359 - 1356 (Russia)

ABSTRACT: The conference was organized by the All-Union Institute of Physics and Technology and Moscow State University. Professor of Higher Education and Research, and Head of the Department of Physics, Methods of Reducing the Energy Loss in the Formation of a Breakdown, V. I. Gravovskiy, "Microdischarges and Spontaneous Currents Between Metal Electrodes in High Voltage,"

V. I. Gravovskiy and G.P. Luk'yanyov, "Investigation of the Processes of Ionization and Development of a High-voltage Discharge in Vacuum," S.M. Rybachkov and N.Y. Saltykovskaya, "The Characteristics of Ignition in High-current Magnetic Fields," L.V. Tsvetkov et al., dealt with the transfer of the electrode material during the breakdown of the breakdown state in vacuum.

N.B. Basmanov et al., "The Motion of Microparticles of Substances During Electric Breakdown in Vacuum." The third section deals with the problems of electric sparks, arcs, and other practical applications. It was presided over by I.S. Strel'shikov. The following papers were read:

V. I. Gravovskiy et al., "Probe Investigation of the arc-discharge Field," S.M. Rybachkov, "Elementary Processes in the Ionization of Gases in Dielectric," Methods of Unipolar Ionization of Gases of Different Types Conductors at Atmospheric Pressure," V.A. Butenbach, "Appearance of a Corona Discharge in Spurts and Microdischarges," P.M. Chistyakov et al., "Some Properties of the Corona Discharge in Nitrogen," V.G. Gavrilov, "Cylindrical System," N.S. Shabotova and V.N. Silverfeld, "Appearance of Discharges Produced Between Two Plates and of Plasma of Gas Produced of 10^-3 - 10^-4 cm Hg,"

Z.A. Demchenko et al., "Methods of Unipolar Ionization of Air By Means of Acousto-Optics (see p. 1355 of the journal). M.P. Farnham et al., "Uvula Spectra of the Radiation of a Spark Discharge in Inert Gases (see p. 1356 or the journal),

P.F. Fomichev and A.N. Mak, "Production of High Temperatures by Means of Spark Discharge," V.I. Petrikov, "Structure of the Magnetic Field of the Electric Discharge as the Dividing Surface of Two Modes," I.S. Strel'shikov, "New Data From the Study of Load Sparks."

V.I. Gravovskiy - "Properties of the Breakdown of Compressed Air in a Comparative Uniform Field in the Presence of Liquids of Non-conductors," A.I. Trubnikov, "Pulse and Oscillographical Techniques for the Measurement of the Discharge Loss in Diathermics (see p. 1357 of the journal)." A paper by P.M. Solntsev dealt with the problem of the basic theory of the electric erosion (see p. 1350 or the journal).

The fourth section was presided over by S.Ya. Luk'yanyov and was concerned with the nonstationary and low-frequency discharges. The following papers were read: S.G. Kostylev and A.A. Lebed', "The Nature of the Current Interruption and Effect of the Breakdown of Metal Wire," S. S. Sizov, "Propagation of Plasma from Local Pulse Sources," Q.G. Tikhonov et al., "Observation of an S-shaped Current," and T.S. Tikhonova, "Investigation of an Electron-positron Converter."

H. Eiffel and T. De La Rive, "Investigation of the Radial Electric Field in an Ion Magnetron," F.A. Boedinger and H.K. Bauschlicher, "Experiments with an Electron Model of a System with Rotating Samples," A.M. Andrianov et al., "Distribution of Magnetic and Electric Fields in a Vertical Pulse Discharge,"

N.E. Hardinge (England) - "Spectroscopic Determination of the Plasma Temperature in the Pulse Equipment (see p. 1358 of the journal)." The paper by Hardinge elicited a lot of interest and attracted an audience. A. A. Arshavskiy expressed the opinion that the electrons and ions two orders of magnitude larger than that of the ions should be of interest.

Card 7/15 Q.C. Tikhonov et al., "Observation of an S-shaped Current," and T.S. Tikhonova, "Investigation of an Electron-positron Converter,"

H. Eiffel and T. De La Rive, "Investigation of the Radial Electric Field in an Ion Magnetron,"

F.A. Boedinger and H.K. Bauschlicher, "Experiments with an Electron Model of a System with Rotating Samples,"

A.M. Andrianov et al., "Distribution of Magnetic and Electric Fields in a Vertical Pulse Discharge,"

N.E. Hardinge (England) - "Spectroscopic Determination of the Plasma Temperature in the Pulse Equipment (see p. 1358 of the journal)." The paper by Hardinge elicited a lot of interest and attracted an audience. A. A. Arshavskiy expressed the opinion that the electrons and ions two orders of magnitude larger than that of the ions should be of interest.

24(3)

SOV/48-23-8-11/25

AUTHORS:

Levitov, V. I., Lyapin, A. G., Popkov, V. I.

TITLE:

Field Investigation of an Alternating-current Corona by Means
of a Search Electrode

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959,
Vol 23, Nr 8, pp 980-988 (USSR)

ABSTRACT:

A short theory of investigation by means of a search electrode is given in the present paper. A differential search electrode consisting of two similar electrodes is first described. The authors demonstrate how the discharge is not influenced by the probe, and discuss the whole measuring arrangement with the help of figure 1. In the following, the volt-ampere characteristic of the differential search electrode is discussed. The diagrams of figures 3 and 4 illustrate the volt-ampere characteristics for eight different angles. The influence exerted by space charge upon the mobility of the ions and the amount of the spatial potential are determined from the characteristic. The diagram of figure 9 illustrates the maximum space-charge density in dependence upon the distance. The diagram of figure 10 shows the spatial potential for various

Card 1/2

SOV/48-23-8-11/25

Field Investigation of an Alternating-current Corona by Means of a Search Electrode

distances of the two search electrodes. In conclusion, the applicability and exactitude of the above measuring method by means of a search electrode are discussed. There are 10 figures and 3 Soviet references.

Card 2/2

POPKOV, V.I., otv. red.; LEVITOV, V.I., kand. tekhn. nauk, red.;
LUGOVAY, V.S., kand. tekhn. nauk, red.; APOSTOLATOV, G.A.,
inzh., red.; ANOKHINA, M.G., tekhn. red.

[Problems of electrical engineering in high mountains; problems
of electric power transmission in mountainous areas in the
U.S.S.R.] Problemy vysokogornoj elektrotehniki; voprosy
elektroperedachi v gornykh raionakh SSSR. Frunze, Izd-vo Akad.
nauk Kirgizskoi SSR, 1961. 309 p. (MIRA 15:9)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut energetiki
vodnogo khozyaystva. 2. Chlen-korrespondent Akademii nauk SSSR
(for Popkov). 3. Energeticheskiy institut im. G.M.Krzizhanov-
skogo (for Levitov). 4. Institut energetiki i vodnogo khozyay-
stva Kirgizskoy SSR (for Lugovcy, Apostolatov).

(Electric lines—Overhead)
(Electric power distribution)

LEVITOV, V.I., KRAVCHENKO, V.D., POPKOV, V.I.

"Corona power losses on the 400,000 V lines in operation."

Report to be submitted for the 19th Biennial Session, Intl. Conf. on
Large Electric Systems(CIGRE), Paris, France, 16-26 May '62.

DRAVCHENKO, Power Engineering Inst. im G.W. Krzhizhanovskiy.
Levitov,

S/024/62/000/002/001/012
E194/E135

AUTHORS: Levitov, V.I., Lyapin, A.G., Popkov, V.I., and
Ch'ing Chiang-Yang (Moscow)

TITLE: An oscillographic procedure for d.c. corona field
investigation

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye
tekhnicheskikh nauk. Energetika i avtomatika,
no. 2, 1962, 47-54

TEXT: As the probe method of investigating a d.c. corona
field is laborious an oscillographic procedure was devised to
record the probe characteristic automatically. The probe V-A
characteristic may be used to determine the field potential and
the product k_0 of the ion mobility and space charge density.
With the new method this product, k_0 , can be found without
accurate knowledge of the probe capacitance, and the probe
capacitance itself can be determined. The voltage applied to
the probe consists of a d.c. component approximately the same as
the field potential and an a.c. component of appropriate

Card 1/3

An oscillographic procedure for ...

S/024/02/000/002/001/012
E194/E135

amplitude and frequency. To make the ionic component of probe current large as compared with the capacitative current the frequency of the a.c. component of the probe voltage must be low. If this condition is observed the probe V-A characteristic can be recorded on a single oscillogram and the product kq can be found from a phase angle measurement. If a higher a.c. frequency is used the probe current is predominantly capacitative and the probe capacitance can be found. The necessary experimental equipment is described including a rectifier source of d.c. supply, a saw-tooth waveform generator developing a voltage of some tens of kV and a special changeover switch. Tests were made in a cylinder 1.92 m diameter on polished wires of 3.09 and 1.47 mm diameter with both positive and negative corona. The probe V-A characteristics are compared with calculated values and with experimental values obtained by the usual procedure, and agreement is good. The field potential distribution results are also in good agreement, the difference between calculated and experimental values being not greater than 6%. Probe capacitance measurements were made using a

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An oscillographic procedure for ... S/024/02/000/002/001/012
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50 c/s a.c. component. The capacitance was found to be lower when corona was present than when it was absent; the difference can be as much as 25% when the probe is near to the wire (6 cm). Accordingly, the usual calculation of probe capacitance can be seriously in error when the probe is near the wire with corona, so that the capacitance should always be determined experimentally.

There are 9 figures.

SUBMITTED: June 14, 1961

Card 3/3

LEVITOV, V. I.

Power losses due to corona during a rain. Elektroenergetika
no.6:113-121 '62. (MIRA 16:4)

(Electric power distribution)
(Corona(Electricity))

KRAVCHENKO, V. D.; LEVITOV, V. I.

Corona discharge in gaps. Elektroenergetika no.6:122-128
'62. (MIRA 16:4)

(Electric discharges)
(Corona(Electricity))
(Electric lines—Overhead)

LEVITOV, V. I.

Critical gradient of a.c. corona. Elektroenergetika no.7:16-
21 '63. (MIR 16:9)

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

LEVITOV, V.I.; RYABAYA, S.I.

Voltampere characteristics of ~~axipolar~~ corona for an electrode
wire-plane system. Elektroenergetika no.7:22-30 '63.
(MIRA 16:9)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

AKOPYAN, A. A.; ALEKSANDROV, G. N.; YEMELYANOV, N. P.; LEVITOV, V. I.; MIROLYUBOV, A. V.
NAYASHKOV, I. S.; PANOV, A. V.; POPKOV, V. I.; ROKOTYAN, S. S.; SOKOLOV, N. N.;
TIKHODEYEV, N. N.

"The 750 kV Experimental Commercial Transmission Line Konakovo-Moscow."

report submitted for Intl Conf on Large Electric Systems, 20th Biennial Session,
Paris, 1-10 Jun 64.

TOLSTOV, Yu.G., doktor tekhn. nauk, prof., otv. red.; LEVITOV, V.I.,
kand. tekhn. nauk, red.; MARKOVICH, I.M., doktor tekhn.
nauk, prof., red.; MIKHNEVICH, G.V., doktor tekhn. nauk,
red.; MESHCHERYAKOV, P., kand. tekhn. nauk, red.;
STEKOL'NIKOV, I.S., doktor tekhn.nauk, prof., red.

[Operating modes of electrical systems and regulation of
synchronous machines] Rezhimy raboty elektrosistem i regu-
lirovaniye sinkhronnykh mashin. Moskva, Nauka, 1964. 150 p.
(MIRA 17:9)

1. Moscow. Energeticheskiy institut.

ACCESSION NR: AP4041640

8/0281/64/000/003/0328/0340

AUTHOR: Levitov, V. I. (Moscow); Popkov, V. I. (Moscow)

TITLE: Corona investigation during high-voltage power transmission

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 3, 1964, 328-340

TOPIC TAGS: power transmission, high voltage transmission, electric power transmission, corona, coronal discharge, night loss

ABSTRACT: The authors consider the importance of coronal discharge investigations in connection with the development of high-voltage power lines. Requirements of the complex and costly experimental stations presently necessary, due to the transition to lines of different voltage classes, are reviewed, and the use of electronic computers for the memorization and classification of the copious test information, as well as for its collation with meteorological data, is mentioned. Existing installations are cited and brief information regarding their specifications and performance is given. Recent Soviet developments in the field are outlined, and the method and instrumentation developed at the Laboratoriya vy*okikh napryazheniy Energeticheskogo instituta im. G. M. Krzhizhanovskogo (High Voltage Laboratory of the G. M. Krzhizhanovskiy Institute for Energetics) are described.

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ACCESSION NR: AP4041640

The authors analyze the data obtained on corona losses of energy and power using this equipment and methodology during year-round studies on two existing 500-kv lines, one of which has maximum working potential gradients. The detailed results of these investigations, it is noted, have been published elsewhere. (Kravchenko V. D., Levitor, V. I., Popkov V. I. Poteri moshchnosti i energii na koronu na provodakh deystvuyushchey linii 500 kv. Elektrичество, 1964, No. 5). In the present article, only certain data are given in order to illustrate to some degree the volume and character of the information derived and to facilitate a discussion of problems relating to the statistical nature of the corona losses and their distribution (in time, for various weather conditions, etc.). As the fundamental weather type, the authors have chosen rain as the type for which the technique of corona loss computation has been most perfected. They demonstrate the considerable importance of corona losses arising in the case of elevated atmospheric humidity (so-called "night" losses). Statistical data are provided with respect to monthly and diurnal loss distribution, along with integral distribution curves for relative losses. In the opinion of the authors, the existence of an approximate similarity in the laws governing distribution for different weather types provides a basis for attacking the problem of improving existing techniques for planned corona ratings on lines to be built. Finally, on the basis of experimental information, an estimate is made of the possible mean-annual energy loss level for the 750-kv Konakovo-Moscow experimental industrial line.

2/3

Card

ACCESSION NR: AP4041640

Orig. art. has: 2 tables and 7 figures.

ASSOCIATION: None

SUBMITTED: 01Apr64

ENCL: 00

SUB CODE: EM, ES

NO REF SOV: 005

OTHER: 007

3/3

Card

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

KRAVCHENKO, V.D., inzh.; LEVITOV, V.I., kand. tekhn. nauk; POPKOV, V.I.
Corona power and energy losses in a 500 kv. line. Elektrichestvo
no.5:7-12 My '64.
1. Energeticheskiy institut imeni Krzhizhanovskogo. 2. Chlen-
korrespondent AN SSSR (for Popkov).

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

LEVITOV, V.I., kand. tekhn. nauk

Basis of the critical gradient theory. Iz. vys. ucheb. zav.; energ.
8 no.6:111-113 Je '65. (MIRA 18:7)

1. Energeticheskiy institut imeni Krzhizhanovskogo.

L 01066-67
ACC NR: AP6008138

SOURCE CODE: UR/0281/66/000/001/0161/0166

AUTHOR: Levitov, V. I. (Moscow); Tkachenko, V. M. (Moscow)

13
B

ORG: none

TITLE: Problem of maximum electric parameters of electric precipitators

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 1, 1966, 161-166

TOPIC TAGS: electrostatic precipitation, air pollution

ABSTRACT: The results are reported of an experimental investigation of electric breakdown of air between these corona-displaying electrodes: (negative) wire-plate, wire between two parallel plates, and coaxial cylinders. Plots of average breakdown voltage vs. wire diameter, for various wire-plate distances, are shown. Two regions are observable: (1) In the first region, the breakdown voltage is independent of the wire diameter; (2) In the second region, with large wire diameters, the breakdown voltage decreases as the wire diameter increases. Voltages up to 180 kv were used. If the fringe effect is eliminated, the breakdown voltage, in the first region, is proportional to the gap length; in other words, the breakdown of a corona gap takes

Card 1/2

UDC: 621.359.484

L 01066-6
ACC NR: AP6008138

place at a certain maximum (about 20 kv/cm) gradient. In practical terms, a 3-mm diameter or thinner wire would have to be recommended for electrostatic precipitators if the maximum field strength is to be used; however, such a thin wire is unacceptable because of its low mechanical strength. Hence, the problem of designing an efficient mechanically strong precipitator remains open. Orig. art. has: 5 figures and 5 formulas.

SUB CODE: 13, 09 / SUBM DATE: 22Oct65 / ORIG REF: 003 / OTH REF: 001

Card 2/2

vlr

ACC NR: AP6033855

(N)

SOURCE CODE: UR/0281/66/000/004/0076/0080

AUTHOR: Levitov, V. I. (Moscow); Tkachenko, V. M. (Moscow)

ORG: none

TITLE: Effect of corona discharge electrode shape on drift velocity of aerosol particles in an electrostatic precipitator

SOURCE: AN SSSR. Izvestiya. Enorgetika i transport, no. 4, 1966, 76-80

TOPIC TAGS: electrostatic precipitation, aerosol, corona discharge

ABSTRACT: A method is presented for the stroboscopic photographic investigation of trajectories and drift velocities of aerosol particles, as applied to conditions of corona discharge in electrostatic precipitators. The investigations were carried out using an electrostatic precipitator model consisting of two plane precipitating electrodes and one corona discharge electrode placed along the longitudinal axis of the chamber. Two walls of the chamber contained glass for the transmission of light. The light source consisted of an incandescent movie projector bulb. By using a slit diaphragm, the chamber was illuminated only by a long narrow beam normal to the precipitator electrodes and coinciding in direction with the central electrical field lines of force along the operating length of the corona discharge electrode. The light reflected by aerosol particles was interrupted by means of a disc chopper mounted directly in

UDC: 621.359.482.015 532

Cord 1/2

• ACC NR: AP6033855

front of the camera lens and driven by an electric motor. The aerosol was produced using lycopodium powder with 80% of the particles having a diameter from 10 to 20 μ . The corona discharge electrodes consisted of a cylindrical wire with a diameter of 0.3 and 0.9 mm and also of a needle electrode with needle height of 13.5 mm and a distance of 11 mm between needles. The investigations showed that needle electrodes possess better electrical characteristics and make it possible to increase the value of aerosol particle drift velocities in the direction towards the precipitator electrodes. For this reason the application of needle corona discharge electrodes and electrostatic precipitators must be looked upon as one promising method for intensifying the process of electrostatic gas purification. Orig. art. has: 4 figures.

SUB CODE: 13/ SUBM DATE: 21Apr66/ ORIG REF: 003/ OTH REF: 002

Card 2/2

LEVITOV, V.V.

Experience in using antirabies gamma globulin in Dnepropetrovsk Province from 1957 to 1960; author's abstract.
Zhur. mikrobiol., epid. i immun. 33 no.7:96 Jl '62.

(MIRA 17:1)

1. Iz Dnepropetrovskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

LEVITOV, V.V.

Experience in the eradication of rabies in Dnepropetrovsk
Province. Zhur. mikrobiol., epid. i immun. 40 no.4:140-145
Ap '63. (MIKA 17:5)

1. Iz Dnepropetrovskoy oblastnoy sanitarno-epidemiologicheskoy
stantsii.

LEVITOVA, E.N.; KRITSMAN, M.G.

The rate of serum lipoprotein synthesis and breakdown in
normal rabbits and during experimental atherosclerosis. Cor
vosa 5 no.4:282-287 '63.

1. Institute of Therapy, Academy of Medical Sciences, Moscow.
(LIPOPROTEINS) (ARTERIOSCLEROSIS)
(BLOOD LIPIDS) (LIPID METABOLISM)
(METHIONINE) (CYSTEINE)
(SULFUR ISOTOPES)

LEVITOVA, K.Z.

LEVITOVA, K.Z.

Significance of the titer and type composition of typhoid fever
bacteriophage in its qualitative evaluation. Zhur. mikrobiol.
epid. i imun. no.6:68 Je '54. (MLRA 7:7)

1. Iz kafedry epidemiologii I Moskovskogo meditsinskogo instituta.
(TYPHOID FEVER) (BACTERIOPHAGE)

VAL'BERG, G.S.; LEVITOV, S.L.; CHIRNYAK, A.Ye.; SATARIN, V.I.; Prinimali
uchastiye: AFANASENKO, G.T., inzh.; MISHULOVICH, A.L., inzh.;
PIVEN', N.I., inzh.

Principal dimensions, profile, and heat engineering parameters
for a rotary kiln with a productive capacity of 3000 tons per
day. Trudy IZhGIPROTSEMENTA no.4:20-39 '63.

(MIRA 17:11)

LEVITOV, Ye.A., inzh.; SHCHUPAK, P.L., inzh.

Effect of hopping up an engine with turbocharging on the
dynamics of a tractor. Trakt. i sel'khozmash. 33 no.11.
7-9 N '63. (MIRA 17:9)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy
traktornyj institut (for Levitov).

TELITCHENKO, M.M.; LEVITOVA, Ye.N.

Histological study of gonads in *Alburnus alburnus* L. following chronic irradiation with small doses of uranium-238. Vest. Mosk.un.Ser.biol., pochv., geol., geog. 14 no.1:45-48 '59.
(MIREA 12:9)

1. Moskovskiy gosudarstvennyy universitet, Kafedra hidrobiologii.
(Uranium--Physiological effect) (Generative organs)
(Carp)

LEVITOVA, Ye.N.; TELITCHENKO, M.M.

Use of histological investigation methods in solving certain
problems of sanitary hydrobiology. Biul. MOIP. Otd. biol. 64
no.2:148 Mr-Ap '59. (MIRA 12:10)
(Water--Pollution) (Indicators (Biology)) (Fishes)

LEVITOVA, Ye. N., KRISTMAN, M. G., SUKHAREVA, B. S. (USSR).

Incorporation of Free Amino-Acids into Crystalline Insulin, and the Role of
Protein Structure in this Process.

Report presented at the 5th Int'l
Biochemistry Congress, Moscow, 10-16 Aug. 1961

LEVITOVA-DZILIKHOVA, N.M.

35567 LEVITOVA-DZILIKHOVA, N.M. Izmeneniye Molichestvennogo soderzhaniya vitamina
(S) I glyutationa v zhidkosti peredney kamery glaza pod vliyaniyem in'ektsiy
kisloroda. Trudy sev.-oset. Gos. med/ in-ta, Vyp. 4, 1949, C. 162-69

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, 1949

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

LEVITOVA-DZILIKHOVA, N. M.

35566 LEVITOVA-DZILIKHOVA, N. M. Voyna i Glaznaya Travma Mirnogo Naseleniya Severnoy Ossetii. Trudy Sev.-Osset. Gos. Ned. In-ta, vyp. 4, 1949, c. 190-91.

SO: Letopis Zhurnal'nykh Statey, Vol. 45, 1949

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

LEVITOVA, Ye.N.; KONINOV, A.S.; KRITSMAN, M.G.

Inclusion of labeled amino acids into plasteins. Nizhniy
26 no.6:961-965 N.D '61. (NIU. 15:6)

1. Viskinevskiy Institute of Surgery and Institute of Therapy,
Academy of Medical Sciences of the U.S.S.R., Moscow.
(AMINO ACIDS)
(PLASTEIN)

BLAGMAN, G.P.; LEVITSKAYA, A.P.

Effective therapy of severe brucellosis with streptomycin in combination with sulfathiazole. Klin. med., Moskva 30 no. 11:77-78 Nov 1952.
(CLML 23:5)

1. Prof. for Blagman. 2. Of the Department of Hospital Therapy
(Head -- Prof. G. P. Blagman), Chelyabinsk Medical Institute.

LEVITSKAYA, A. F.: Master Med Sci (diss) -- "On the problem of the state of certain regulatory mechanisms of the central nervous system in malignant tumors and chronic leucoses". Ufa, 1959. 1⁴ pp (Bashkir State Med Inst in 15th Anniversary of the VLKSM), 250 copies (KL, No 13, 1959, 112)

NAZAREVSKIY, S.I.; MAKAROV, S.N.; PILIPENKO, F.S.; GERASIMOV, M.V.; IL'INSKAYA, M.L.; VEKSLER, A.I., [deceased]; VASIL'YEV, I.M.; IL'INA, N.V.; SOKOLOV, S.Ya.; LOZINA-LOZINSKAYA, A.S.; SAAKOV, S.G.; ZALESSKIY, D.M.; AVRORIN, N.A.; IVANOV, M.I.; PRIKLADOV, N.V.; SOBOLEVSKAYA, K.A.; SALAMATOV, M.H.; MALINOVSKIY, P.I.; LUCHNIK, A.I.; KHAVCHENKO, O.A.; VEEHOU, N.K.; GROZDOV, B.V.; MASHKIN, S.; BOSSE, O.O.; PALIN, P.S., (g. Shuya, Ivanovskoy oblasti); MATUKHIN; ZATVARNITSKIY, G.F.; GRACHEV, N.G.; CHERKASOV, M.I.; KIRKOPULO, Ye.N.; LEVITSKAYA, A.M.; GRISHKO, N.N.; LIKHVAR', D.P.; VIL'CHINSKIY, N.M.; LYPA, A.L.; OKEKHOV, M.V.; SHCHERBINA, A.A.; TSYGANKOVA, V.Z.; BARANOVSKIY, A.L.; GEORGIYEVSKIY, S.D.; STEPUNIN, O.A.; OZOLIN, E.P.; LUKAYTENE, M.K.; KOS, Yu.I.; VAIL'YEV, A.V.; RUKHADZE, P.Ye.; VASHADZE, V.N.; SHAMIDZE, V.M.; MANDZHAVIDZE, D.V.; KORMESHO, A.L.; KOLESNIKOV, A.I., (g. Sochi); SERGEYEV, L.I.; VOLOSHIN, M.P.; RYBIN, V.A.; IVANOVA, B.I.; RIABOVA, T.I.; GAREYEV, E.Z.; RUSANOV, F.N.; BOCHANTSEVA, Z.P.; BLINOVSKIY, K.V.; KLYSHEV, L.K.; MUSHEGYAN, A.M.; LEONOV, L.M.

Talks given by participants in the meeting. Biul.Glav.bot.sada no.15:
85-182 '53.
(MLRA 9:1)

1. Glavnnyy botanicheskiy sad Akademii nauk SSSR (for Makarov, Pilipenko, Gerasimov, Il'inskaya, Veksler); 2. Akademiya komunal'nogo khozyaystva imeni K.D. Pamfilova (for Vasili'yev); 3. Vsesoyuznaya sel'skokhozyaystvennaya vystavka (for Il'ina); 4. Botanicheskiy sad Botanicheskogo instituta imeni V.L. Komarova Akademii nauk SSSR (for Sokolov, Lozina-Lozinskaya, Saakov); 5. Botanicheskiy sad Leningradskogo

(continued on next card)

NAZAREVSKIY, S.L.---(continued) Card 2.

gosudarstvennogo ordena Lenina universiteta (for Zalesskiy); 6. Pol-yarno-Al'piyskiy botanicheskiy sad Kol'skogo filiala imeni S.M. Kirova Akademii nauk SSSR (for Avrorin); 7. Botanicheskiy sad pri Tomskom gosudarstvennom universitete (for Ivanov); 8. Botanicheskiy sad pri Tomskom gosudarstvennom universitete imeni V.V. Kuybysheva (for Prikladov); 9. Tsentral'nyy Sibirskiy botanicheskiy sad Zapadno-Sibirskogo filiala Akademii nauk SSSR (for Salamatov, Sobolevskaya); 10. Botanicheskiy sad Irkutsko gosudarstvennogo universiteta imeni A.A. Zhdanova (for Malinovskiy); 11. Altayskaya plodovo-yagodnaya optynaya stantsiya (for Luchnik); 12. Bashkirskiy botanicheskiy sad (for Kravchenko); 13. Lesostepnaya selektsionnaya optynaya stantsiya dekorativnykh kul'tur tresta Goszelenkhоз Ministerstva kommunal'nogo khozyaystva RSFSR (for Vekhov); 14. Bryanskiy lesokhozyaystvennyy institut (for Grozdov); 15. Botanicheskiy sad pri Voronezhskom gosudarstvennom universitete (for Mashkin); 16. Orekhovo-Zuyelevskiy pedagogicheskiy institut (for Bosse); 17. Botanicheskiy sad pri Rostovskom gosudarstvennom universitete imeni V.M. Molotova (for Matukhin); 18. Botanicheskiy sad Kuybyshevskogo gorodskogo otdela narodnogo obrazovaniya (for Zatvarnitskiy); 19. Zoobotanicheskiy sad pri Kazanskom universitete (for Grachev); 20. Gosudarstvennyy respublikanskiy proektnyy institut "Giprokommunstroy" (for Cherkasov); 21. Botanicheskiy sad Odesskogo gosudarstvennogo universiteta imeni I.I. Mechnikova (for Kirkopulo); 22. Botanicheskiy sad pri Dnepropetrovskom gosudarstvennom universitete (for Levitskaya); 23. Botanicheskiy sad
(continued on next card)

NAZAREVSKIY, S.L.---(continued) Card 3.

Akademii nauk USSR (for Grishko, Likhvar', Vil'chinskiy); 24. Kiyevskiy sel'skokhozyaystvennyy institut (for Lypa); 25. Botanicheskiy sad Chernovitskogo gosudarstvennogo universiteta (for Orekhov); 26. Botanicheskiy sad pri L'vovskom gosudarstvennom universitete imeni Iv. Franko (for Shcherbina); 27. Botanicheskiy sad Khar'kovskogo gosudarstvennogo universiteta imeni A.M. Gor'kogo (for TSyankova); 28. Botanicheskiy sad Zhitomirskogo sel'skokhozyaystvennogo instituta (for Baranovskiy); 29. Botanicheskiy sad Akademii nauk Belorusskoy SSR (for Georgiyevskiy); 30. Institut biologii Akademii nauk Belorusskoy SSR (for Stepanin); 31. Botanicheskiy sad Akademii Litovskoy SSR (for Lukaytene); 32. Botanicheskiy sad Latviyskogo gosudarstvennogo universiteta (for Ozolin); 33. Kabardinskiy krayevedcheskiy botanicheskiy sad (for Kos); 34. Sukhumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Vasil'yev, Rukhadze); 35. Batumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Shanidze); 36. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Mandzhavidze); 37. Sochinskiy park Dendrariy (for Korkashko); 38. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni V.M. Molotova (for Sergeev, Voloshin); 39. Krymskiy filial Akademii nauk SSSR (for Rybin); 40. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Ivanova); 41. Botanicheskiy sad Botanicheskogo instituta Akademii nauk Tadzhikskoy SSR (for Ryabova); 42. Botanicheskiy sad Kirgizskogo filiala Akademii nauk SSSR (for Gareyev); 43. Botanicheskiy (continued on next card)

NAZAREVSKIY, S.L.---(continued) Card 4.

sad Akademii nauk Usbekskoy SSR (for Rusanov, Bochantseva); 44.
Botanicheskiy sad Akademii nauk Turkmeneskoy SSR (for Blinovskiy);
45. Respublikanskiy sad Akademii nauk Kazakhskoy SSR (for Klyshev,
Mushegyan).

(Botanical gardens)

LEVITSKAYA, A.M., kandidat biologicheskikh nauk.

Greenhouse at the factory. Priroda 44 no.12:89-92 D '55. (MLRA 9:1)

**1.Dnepropetrovskiy botanicheskiy sad.
(Dneprodzerzhinsk--Greenhouses)**

LEVITSKAYA, A.M.

Some results of the introduction of trees and shrubs at the Dnepropetrovsk Botanical Garden. Biul. Glav. bot. sada no.28:15-23 '57.

(MIRA 11:1)

1. Dnepropetrovskiy botanicheskiy sad Gosudarstvennogo universiteta
im. 300-letiya vossoyedineniya Ukrayny s Rossiyey.
(Dnepropetrovsk--Plant introduction)
(Trees) (Shrubs)

LEVITSKAYA, A. M.

Abnormal fruit of lemon (*Citrus limon* Burm.). Bot.shur. 44
no.9:1283-1286 S '59. (MIRA 13:2)

l. Botanicheskiy sad Dnepropetrovskogo gosudarstvennogo universiteta.
(Lemon) (Abnormalities (Plants))

LEVITSKAYA, A.M.

Thirtieth anniversary of the Botanical Garden of the Dnepropetrovsk State University. Nauch. zap. Dnepr. un. 78:3-12 '62.

Subtropical fruit plants in Dnepropetrovsk. (52-60)
(MIRA 16:10)

VISHNEVSKIY, A.S., prof.; KHODYKIN, A.V., kand.med.nauk; Prinimali uchastiye:
GLUSHKO, B.I., vrach; CHVAMANIYA, A.Ye., vrach; TURANSKAYA, A.G.,
vrach; LEVITSKAYA, A.S., vrach; GOLUBEVA, L.V., vrach.

Use of cortisone and dehydrocortisone in the treatment of severe
hepatitis and liver cirrhosis. Vrach. delo no.8:35-38 Ag '61.
(MIRA 15:3)

1. Kurortnaya poliklinika, Yessentuki.
(CORTISONE)
(LIVER--DISEASES)

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 305 (USSR) SOV/137-57-10-20524

AUTHORS: Snopova, Ye. V., Levitskaya, A. V.

TITLE: On the Decomposition of Lead Concentrates by Acids (K voprosu o razlagayemosti svintsovykh kontsentratov kislotami)

PERIODICAL: AN KazSSSR, ser. gorn. dela, metallurgii, str-va i stroymaterialov, 1957, Nr 1, pp 86-91

ABSTRACT: Methods for the decomposition of Pb concentrates were investigated in relation to the fact that in a number of cases reproducible results in the determination of Pb could not be obtained and that the discrepancies in the analysis attained 3 - 5% (abs.). Six types of concentrates similar in mineralogical composition taken from 11 types of ores and one specimen of Pb slag were investigated. All 12 specimens were decomposed under identical conditions, Pb was determined in the filtrate by the bichromate method and in the insoluble residue by the spectroscopic method. Methods for decomposition in three different acid mixtures, namely, 1) HCl, HNO₃, H₂SO₄. 2) HCl, HNO₃, and 3) HCl, were investigated. Experiments on the decomposition were

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On the Decomposition of Lead Concentrates by Acids

SOV/137-57-10-20524

conducted for periods of 0.5, 1, 2, and 3 hours. It is established that, with the exception of four specimens, in all the cases the concentrates were decomposed within 30 min and the Pb content of the insoluble residue was < 0.1%, the Pb content of the concentrate being ~50%. The Pb content of the insoluble residue has no relation to the amount of the latter, which was 11 - 30% of the weight of the test sample. The authors draw the conclusion that the discrepancies in the analyses have no relation to the methods of the decomposition of the test samples.

Z. G.

Card 2/2

LEVITSKAYA, A.V.; SNOPOVA, Ye.V.

Rapid method of determining silicic acid in a complete analysis
of nonferrous metal ores. Izv.AN Kazakh.SSR.Ser.gor.dela, met.,
stroi.i stroimat. no.1:92-96 '57. (MLRA 10:5)

~~Metals~~ Mineralogical analysis) (Silicic acid)
(Nonferrous Metals)

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cavernous angiomas of rhomboid fossa (Rus))
(ANGIOMA, case reports,
rhomboid fossa, cavernous angiomas (Rus))

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

TSISHNATTI, N.T., kand.med.nauk; LEVITSKAYA, A.V. (Tashkent)

Clinical aspects of heat injuries. Klin.med. 38 no.12:87-95
D '60. (MIRA 14:2)
(HEATSTROKE)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4"

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"Certain Questions Bearing upon the Seismic Tectonics of the Crimea," Dok. Akad. Nauk SSSR, No. 3, 1946.

Seismological Div., Geophysics Inst., Dept. Physico-Math. Sci., AS.
Seismological Inst., Dept. Physico-Math. Sci. AS.

Height 1200

USSR/Geology
Seismology

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Gives data on location of epicenters, intensity, and isoseismal of Crimean earthquakes.
Geologic and seismic data indicate importance of certain transverse tectonic directions, especially along the line from Alushta to Simferopol. Explains lack of earthquake penetration in Kerch Peninsula. South shore of Crimean Peninsula is area where intensity greatest (& international units); the plain region experiences the least, with 5 units.

PA 49T30

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929620018-4

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"Earthquakes in the Mt. Kazbek Region," Symposium of Articles and Lectures (which is No. 5 (132) in the series entitled "Works of the Geophysical Inst.," AS USSR Press, Moscow and Leningrad, 1949.

U-1442, 28 Aug 51

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23080 LEVITSKAYA, A. Ya.. O zemletryaseniyakh v Prikazbochenskom rayone. Trudy
Profiz. IN-TA (Akad. nauk SSSR), No. 5, 1949, s. 32-37. --Bibliogr:
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"Mikrogram of Seismic Waves of the Caucasus," Karto. nauchno-tekhn. zhurn., S., 26, No. 1-2, p. 111, 1955.

The regional hodogram of earthquakes of the Caucasus with distances to the epicenters in kilometers is plotted. Observations from 1933 to 1950 are used. A map of epicenters is appended. (ZhZhFiz, No. 7, 1955) SC: Sub.No. 713, 5 Nov 55

SOV/49-59-4-4/20

AUTHORS: Levitskaya, A. Ya. and Muratov, M. V.

TITLE: On The Relationship Between The Tectonic Structures of The Black Sea Depression and Surrounding Regions (O svyazi seymichnosti s tektonicheskoy strukturoy chernomorskoy vpadiny i okruzhayushchikh yeye oblastey)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 4, pp 538-546 and 1 map (USSR)

ABSTRACT: An account of the tectonic structures is given, which is based on the chart Fig 1, which shows the seismic characteristics of the area. The chart was compiled from the data covering the period from 1912 to the first quarter of 1957. It gives the following information: I - intensity of earthquakes: 1 - $7.5 \leq M$, first category; 2 - $6.5 \leq M < 7.5$, second category; 3 - $5.25 \leq M \leq 6.5$, third category; 4 - $4.25 \leq M \leq 5$, fourth category.

II - Accuracy of determination of epicentres: 5 - error not > 25 km, Class A; 6 - error not > 50 km, Class 5; 7 - error not > 100 km, unclassified.

III - Depth of focus: 8 - focus in the earth's crust, 9 - focus below the crust, 10 - seismic stations.

IV - 11 - Alpine geosynclinic area, synclinic zones and wings of anticlinorium, 12 - anticlinorium; 13 - nuclei of

Card 1/3

SOV/49-59-4-4/20

On the Relationship Between the Tectonic Structures of the Black Sea Depression and Surrounding Regions

meganticlinorium of the Caucasus and E. Carpathians; 14 - Lydia-Caria, Galatia, Dzirul massifs; 15 - Neogen depressions; 16 - Scythian platform; 17 - uplifts; 18 - bordering depressions; 19 - Russian platform; 20 - Nis-Dobrudja Depression; 21 - main faults; 22 - boundary of Russian platform; 23 - anticlynes.

The whole area could be divided into four characteristic regions: the depression of the Black Sea, the area extending from the Caucasus to the Balkans, the Northern territories bordering the Russian plains, and the Carpathian mountains. Analysis has shown that the most active region is that belonging to the second group. Next to it in activity is the

Card 2/3

SOV/49-59-4-4/20

On the Relationship Between the Tectonic Structures of the Black Sea Depression and Surrounding Regions

region of the Carpathians while the remaining two groups are comparatively quiet. A detailed description of the area is based on the references (1-31). There is 1 figure and there are 31 references, of which 22 are Soviet, 1 French (Rumanian), 4 French, 1 Rumanian, 2 English, 1 German.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli, Geologicheskiy institut (Academy of Sciences USSR, Institute of Physics of the Earth, Geological Institute)

SUBMITTED: May 26, 1958.

Card 3/3

LEVITSKAYA, B.G., kandidat meditsinskikh nauk; GRANOVSKIY, S.G. (Khar'kov)

Examination of the capacity for work in coronary insufficiency.
Vrach.delo no.8:859-861 Ag '57. (MLRA 10:8)

1. Ukrainskiy tsentral'nyy nauchno-issledovatel'skiy institut
eksperitsy trudospособности i organizatsii truda invalidov
(CORONARY ARTERIES--DISEASES)
(DISABILITY EVALUATION)

VEYKHET, A.A.; KULTYSHEV, N.P.; KURBAKO, Ye.P.; KUTKIN, S.F.;
LEVITSKAYA, D.N.; MARKOVA, T.S.; TROITSKAYA, N.I.;
UL'janovskaya, M.A.; KHAUSTOV, I.V.; LIOGEN'KIY, S.Ya.;
NEMANOVA, G.F., red.izd-va; GUROVA, O.A., tekhn. red.

[Prospecting methods and the evaluation of molding materials]
Metodika razvedki i otsenki mestorozhdenii formovochnykh ma-
terialov; sbornik materialov. Moskva, Gosgoceltekhizdat, 1963.
195 p. (MIRA 17:3)

NOVIKOV, B.; LEVITSKAYA, G.; ABRAZHEY, A.

Reaction of the hypophyseal-thyroid complex to the action of temperature in the embryonic and postembryonic stage of development of certain warm-blooded animals. Trudy Inst.zool. AN URSR 10:105-123 '53.
(MLRA 7:10)
(Pituitary body) (Thyroid gland) (Temperature--Physiological Effect)

LEVITSKIY, G.D.

USSR/ Chemical Technology. Chemical Products and Their
Application - Pesticides

I-7

Abs Jour : Referat Zhur - Knihniya, No 4, 1957, 12435

Author : Levitskiy G.D.

Title : New Fungicides for the Control of Grape Mildew

Orig Pub : Vinodeliye i vinogradarstvo SSSR, 1956, No 4, 39-40

Abstract : Treatment of grape vines with 1% and 2% fuklazine (I), bordeaux mixture, 1% and 1.5% dinitro-thiocyanobenzene with copper (II), decreases the number of leaves attacked by mildew from 11.9 to 0.9 - 1.3%; 0.5%; 2.6 - 3.8%, respectively. Burning of leaves, racemes and berries, on treatment with I and II, was not observed.

Card 1/1

- 44 -

SMIRNOVA, D.N.; POLETAYEV, P.A.; LEVITSKYA, G.D.

Case of membranous subacute septic endocarditis in a patient
with aneurysm of the left ventricle. Klin.med. 38 no.6:143.
144 Je '60. (MIRA 13:12)
(ENDOCARDITIS) (ANEURYSM)

KONOKOPIN, G.S.; GRECHKO, F.M.; MILLER, B.N., spetsred.; LEVITSKAYA, G.N.,
red.; UKRAINTSEVA, D.V., tekhn.red.

[New semiconductor devices for temperature measurements in the
fishing industry] Novye poluprovodnikovye termoizmeritel'nye
pribory dlia rybnoi promyshlennosti. Moskva, Vses.nauchno-issle-
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17 p.

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[Materials of the Interdepartmental Conference for the study
and establishment of norms for the wear of marine internal
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tennego sgoraniia, 1961. Moskva, Rybnoe khoziaistvo, 1962. 195 p.
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1. Mezhvedomstvennoye soveshchaniye po izucheniyu i normirovaniyu
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(Marine engines) (Mechanical wear)

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Yu.G.; LOGINOV, V.P.; ONAH, E.S.; PEGUSHEV, A.M.; PYKHITUNOV,
N.V.; TOKAREVA, Z.I.; KHUDOLEY, V.F.; MILOVANOV, I.V., red.;
MIKAELYAN, E., red.; NUKHIN, R., red.; SVANIDZE, K., red.;
KLIMOVA, T., tekta, red.

[Africa today; concise reference book on politics and economic
conditions] Afrika segodnia; kratkii politiko-ekonomicheskii
spravochnik. Moskva, Gos. izd-vo polit. lit-ry, 1962. 326 p.

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